

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend the claims as follows:

1. (Currently Amended) A method for upgrading documents for processing by a solution module processing functionality, comprising:

creating a structured document using a first version of the solution module;

inputting ~~[[a]]~~ the structured document having particular data entry fields associated therewith into a particular version of the solution module, wherein the particular version is different from the first version of the solution module processing functionality;

accessing upgrade functionality for:

determining whether each of the particular data entry fields matches ~~a set of~~ expected data entry fields associated with the particular version of the solution module processing functionality; and

modifying the particular data entry fields of the input structured document so that the particular data entry fields match the ~~set of~~ expected data entry fields to thereby provide a modified structured document that is compatible with the particular version of the solution module, wherein said modifying occurs prior to transforming the modified structured document into a format another document suitable for visual presentation on a display device.

2. (Currently Amended) A method according to claim 1, further comprising:

transforming the modified structured document into another document suitable for presentation;

displaying the ~~another other~~ document suitable for presentation using the particular version of the solution module processing functionality to provide a displayed document; and editing receiving edits to the displayed document.

3. (Original) The method according to claim 1, wherein the input structured document is expressed in a markup language that uses tags pertaining to subject matter fields in the input structured document.

4. (Currently Amended) The method according to claim 3, wherein the input structured document is expressed in ~~[[the]]~~ extensible markup language (XML).
5. (Currently Amended) The method according to claim 2, wherein the another ~~other~~ document suitable for presentation is expressed in a markup language that uses tags pertaining to visual features associated with the presentation of the another ~~other~~ document.
6. (Currently Amended) The method according to claim 5, wherein the another ~~other~~ document suitable for presentation is expressed in ~~[[the]]~~ hypertext markup language (HTML).
7. (Original) The method according to claim 1, wherein the modifying uses an upgrade module that provides a transformation function using extensible stylesheet language (XSL).
8. (Currently Amended) The method according to claim 2, wherein the another ~~other~~ document suitable for presentation comprises an electronic form having at least one user data entry field therein.
9. (Currently Amended) The method according to claim 1, wherein the determining of whether each of the particular data entry fields matches ~~a set of~~ expected data entry fields associated with the particular version of the solution module ~~processing functionality~~ comprises:
determining whether the input structured document contains each of the data entry fields expected by the particular version of the solution module ~~processing functionality~~.
10. (Currently Amended) The method according to claim 9, wherein the modifying of the particular data entry fields of the input structured document to produce the modified structured document comprises:
creating each of the data entry fields expected by the particular version of the solution module ~~processing functionality~~ to provide created data entry fields;

copying data entry fields content from the input structured document into corresponding created data entry fields in the modified structured document for those data entry fields in the input structured document that have counterpart data entry fields expected by the particular version of the solution module~~processing functionality~~; and

creating default data entry fields content in corresponding data entry fields in the modified structured document for those created data entry fields that do not have counterpart data entry fields in the input structured document.

11. (Currently Amended) The method according to claim 1, wherein the determining of whether each of the particular data entry fields matches ~~a set of~~ expected data entry fields associated with the particular version of the solution module~~processing functionality~~ comprises:

determining whether the input structured document lacks data entry fields that were previously classified as optional but are no longer classified as optional in the particular version of the solution module~~processing functionality~~.

12. (Currently Amended) The method according to claim 11, wherein the modifying of the particular data entry fields of the input structured document to produce the modified structured document comprises:

creating new data entry fields in the modified structured document providing that the new data entry fields are lacking in the input structured document and providing that the new data entry fields are required in the particular version of the solution module~~processing functionality~~ although considered optional by its schema.

13. (Currently Amended) The method according to claim 1, wherein the expected data entry fields are specified by a schema associated with the particular version of the solution module~~processing functionality~~.

14. (Currently Amended) The method according to claim 1, wherein the expected data entry fields are specified by some information other than a schema associated with the particular version of the solution module~~processing functionality~~.

15. (Currently Amended) The method according to claim 1, wherein the input structured document corresponds to a markup language document generated by an earlier version of the solution module~~processing functionality~~ compared to the particular version.

16. (Currently Amended) The method according to claim 1, wherein the input structured document corresponds to a markup language document generated by a later version of the solution module~~processing functionality~~ compared to the particular version.

17. (Original) The method according to claim 1, wherein the modifying is performed using an upgrade module, and wherein the upgrade module is developed without knowledge of any requirements of any input structured document.

18. (Currently Amended) The method according to ~~claim 1~~ claim 1, wherein ~~the~~ modifying of the particular data entry fields of the input structured document to produce the modified structured document comprises:

creating new data entry fields in the modified structured document providing that the new data entry fields are lacking in the input structured document and providing that the new data entry fields are required in the particular version of the solution module~~processing functionality~~.

19. (Currently Amended) The method according to claim 1, wherein ~~the~~ modifying of the particular data entry fields of the input structured document to produce the modified structured document comprises:

omitting from the modified structured document existing data entry fields in the input structured document that are not required in the particular version of the solution module~~processing functionality~~.

20. (Currently Amended) A method for generating an upgrade module for upgrading documents for processing by a solution module~~processing functionality~~, comprising:

determining whether a particular version of the solution module~~processing functionality~~ has been created that warrants generation of the upgrade module; ~~[[and]]~~

when the determination indicates that generation of the upgrade module is warranted, generating the upgrade module;~~[[.]]~~

configuring wherein the upgrade module ~~is configured~~ to modify an input structured document having particular data entry fields associated therewith to create an updated document which conforms to ~~a set of~~ expected data entry fields associated with the particular version of the solution module~~; processing functionality, and wherein said~~

modifying the input structured document to create ~~includes creating~~ new data entry fields in the updated document provided that the new data entry fields are required in the particular version of the solution module~~processing functionality~~ even if the new data entry fields are considered optional by its schema; and

displaying the updated document on a display device.

21. (Currently Amended) The method of claim 20, wherein the upgrade module is ~~formed~~ generated using the extensible stylesheet language (XSL).

22. (Currently Amended) The method according to claim 20, further comprising:
configuring wherein the updated upgrade module is configured to modify ~~create new~~ the particular data entry fields in the input structured document such that the updated document conforms to the ~~set of~~ expected data entry fields associated with the particular version of the solution module~~processing functionality~~.

23. (Currently Amended) The method according to claim 20, further comprising:
configuring wherein the update upgrade module is configured to omit data entry fields in the input structured document from the updated document such that the updated document conforms to the ~~set of~~ expected data entry fields associated with the particular version of the solution module~~processing functionality~~.

24. (Currently Amended) One or more computer readable storage media storing computer-executable ~~comprising~~ instructions that when executed by a processor are executable to provide:

an upgrade module configured to modify an input structured document created by a first version of a solution module and having particular features associated therewith so that the modified input structured document conforms to a set of expected data entry fields associated with a particular version of the solution module, and wherein the particular version of the solution module is different from the first version of the solution module apparatus, to ~~thereby produce a modified structured document~~; and

a transformation module configured to transform the modified structured document into another document suitable for visual presentation after the structured document has been modified by the upgrade module.

25. (Currently Amended) One or more computer readable storage media storing ~~comprising~~ computer-executable instructions that when executed by a processor perform the method comprising to:

determine whether a particular version of ~~[[the]]~~ a solution module ~~processing~~ functionality has been created that warrants generation of an ~~[[the]]~~ upgrade module; and

when the determination indicates that generation of the upgrade module is warranted, generate the upgrade module, wherein the upgrade module is configured to modify an input structured document created by a first version of the solution module and having particular data entry fields associated therewith to create an updated document which conforms to a set of expected data entry fields associated with the particular version of the solution module ~~processing~~ functionality, wherein said modifying occurs prior to transforming the input structured document into another document suitable for visual presentation.

26. (Currently Amended) A computer readable storage medium having stored thereon an information structure, comprising:

an upgrade module information structure configured to modify an input structured document created by a first version of a solution module and having particular data entry fields associated therewith so that the modified input structured document conforms to a set of

expected data entry fields associated with a particular version of [[a]] the solution moduleprocessing apparatus, wherein the particular version of the solution module is different from the first version of the solution module to thereby produce a modified structured document;
and

a transformation module information structure configured to transform the modified structured document into a format another document suitable for visual presentation after the structured document has been modified by the upgrade module.